

(19) World Intellectual Property Organization  
International Bureau



(43) International Publication Date  
29 March 2001 (29.03.2001)

PCT

(10) International Publication Number  
**WO 01/21740 A1**

- (51) International Patent Classification<sup>7</sup>: C10M 125/06, 129/68 (74) Agent: BAUMAN, Steven, C.; Loctite Corporation, 1001 Trout Brook Crossing, Rocky Hill, CT 06067 (US).
- (21) International Application Number: PCT/US00/26167 (81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.
- (22) International Filing Date:  
22 September 2000 (22.09.2000)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:  
60/155,345 22 September 1999 (22.09.1999) US
- (84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).
- (71) Applicant (*for all designated States except US*): LOC-TITE CORPORATION [US/US]; 1001 Trout Brook Crossing, Rocky Hill, CT 06067 (US).
- Published:  
— With international search report.
- (72) Inventor; and  
(75) Inventor/Applicant (*for US only*): FISHER, Edward, A., Y. [US/US]; 167 New Britain Avenue, Rocky Hill, CT 06067 (US).
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*



**WO 01/21740 A1**

(54) Title: NON-STAINING, ACTIVE METAL-WORKING FLUID

(57) Abstract: Non-staining, active metal-working compositions are disclosed. The compositions contain active sulfur to provide extreme pressure properties for metal-working fluids. A metal corrosion inhibitor is disclosed that reduces the corrosivity of free sulfur on non-ferrous metallic objects.